

Fig. 1.

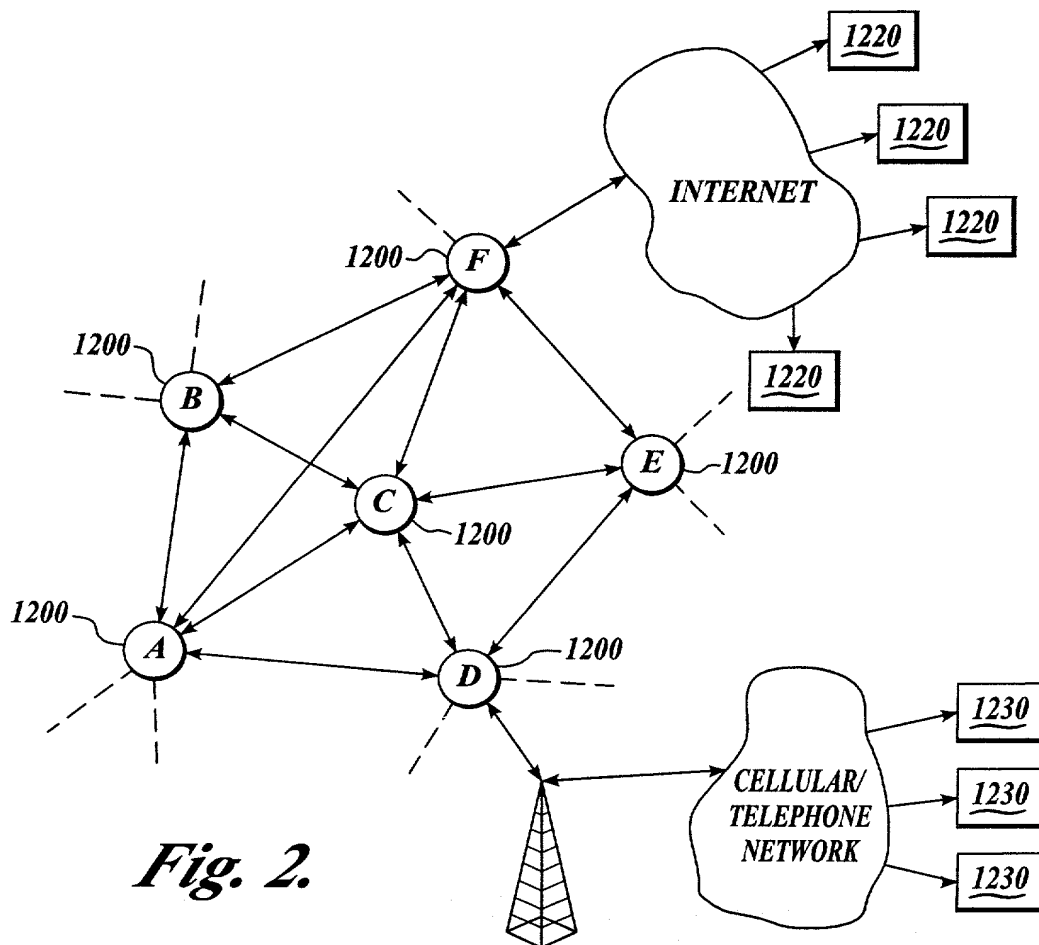


Fig. 2.

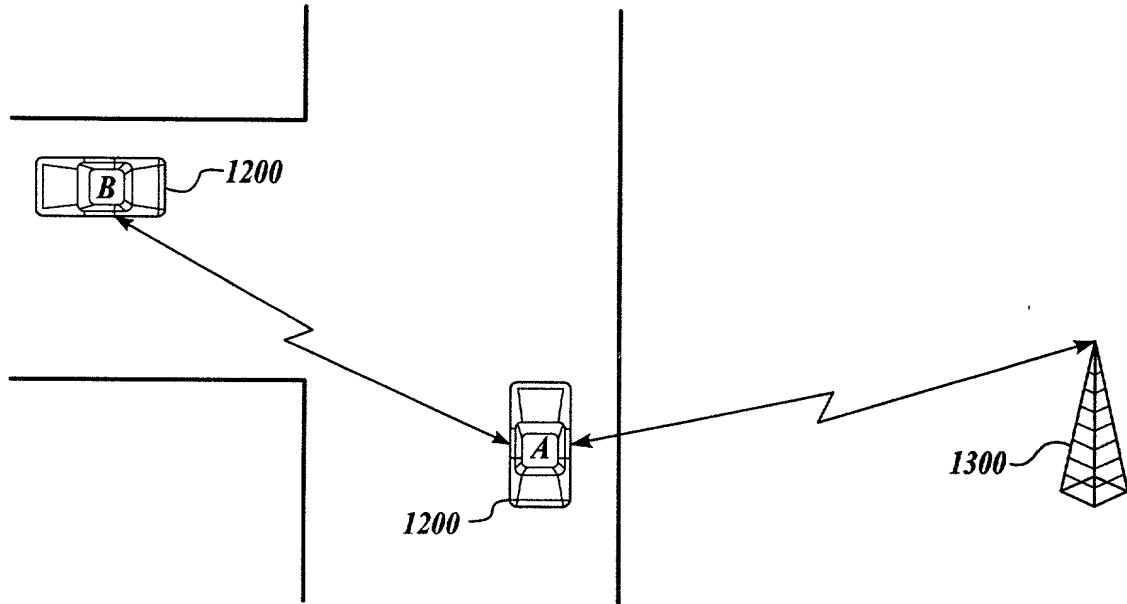


Fig. 3.

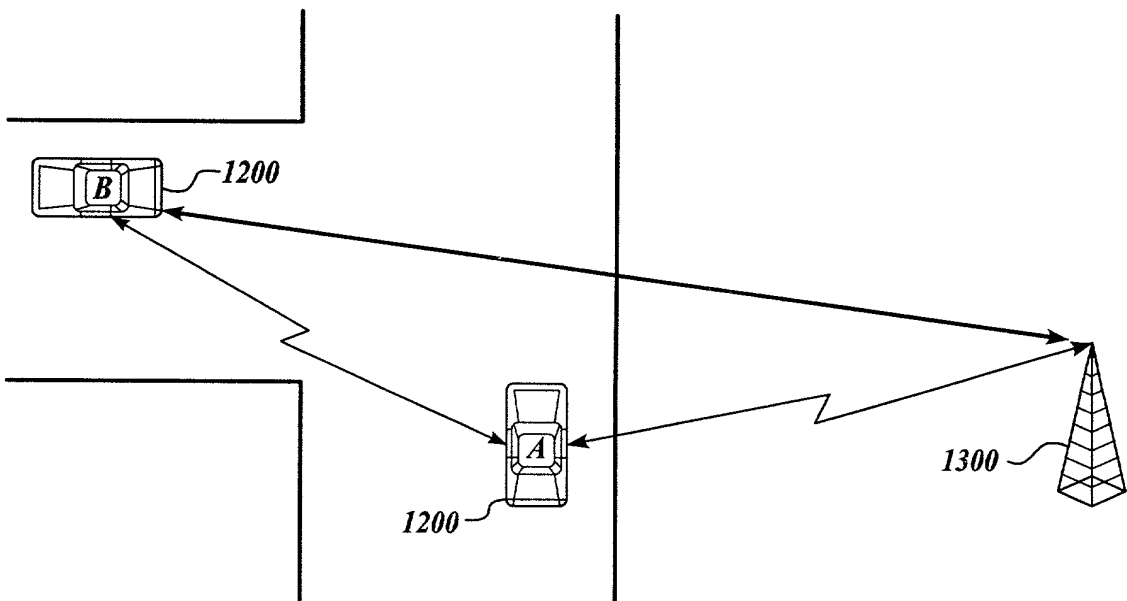


Fig. 4.

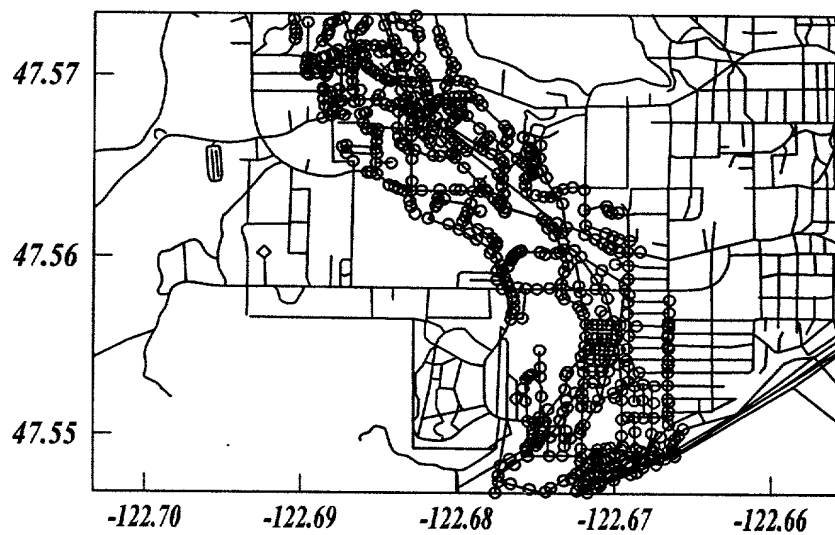


Fig. 5.

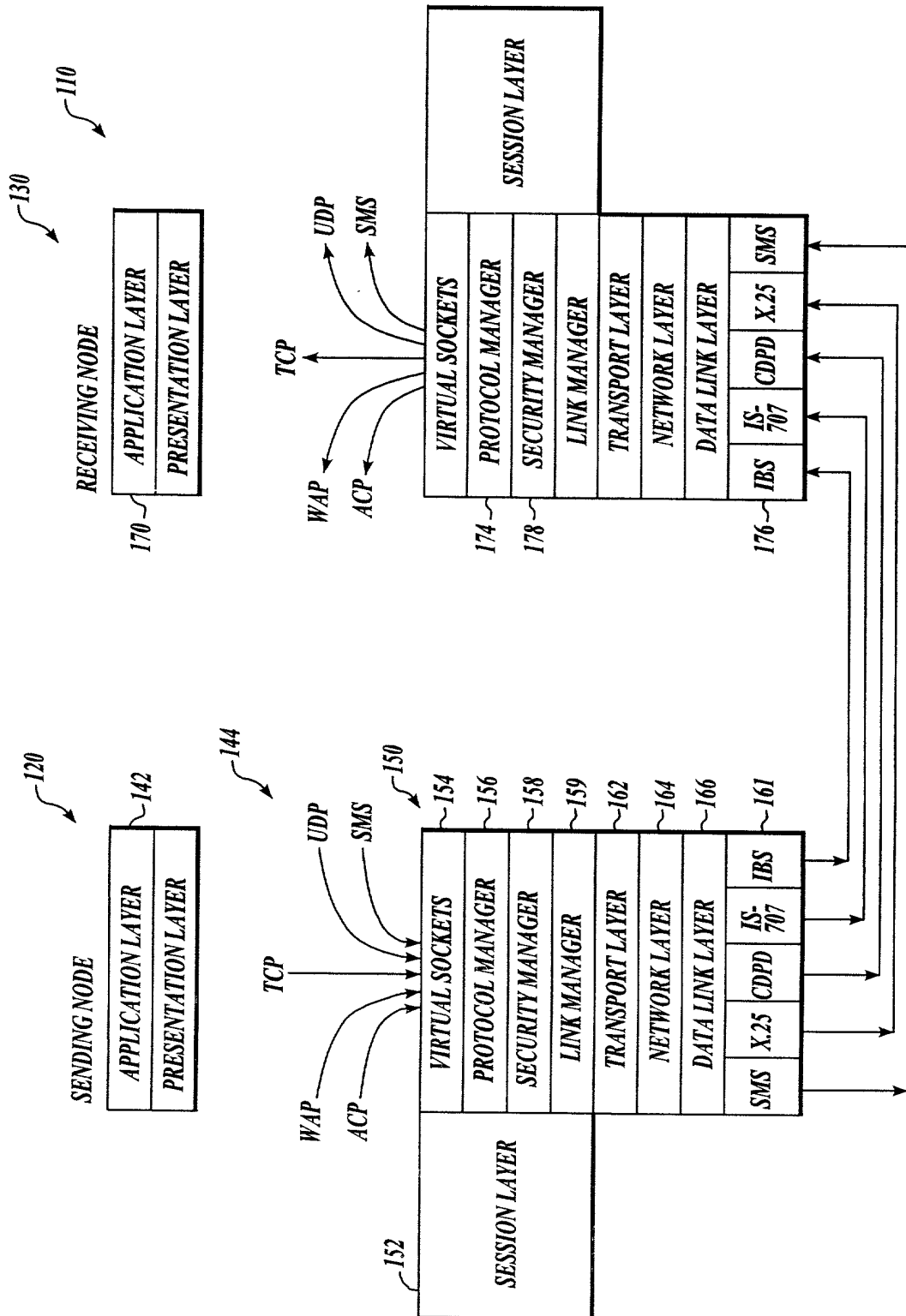
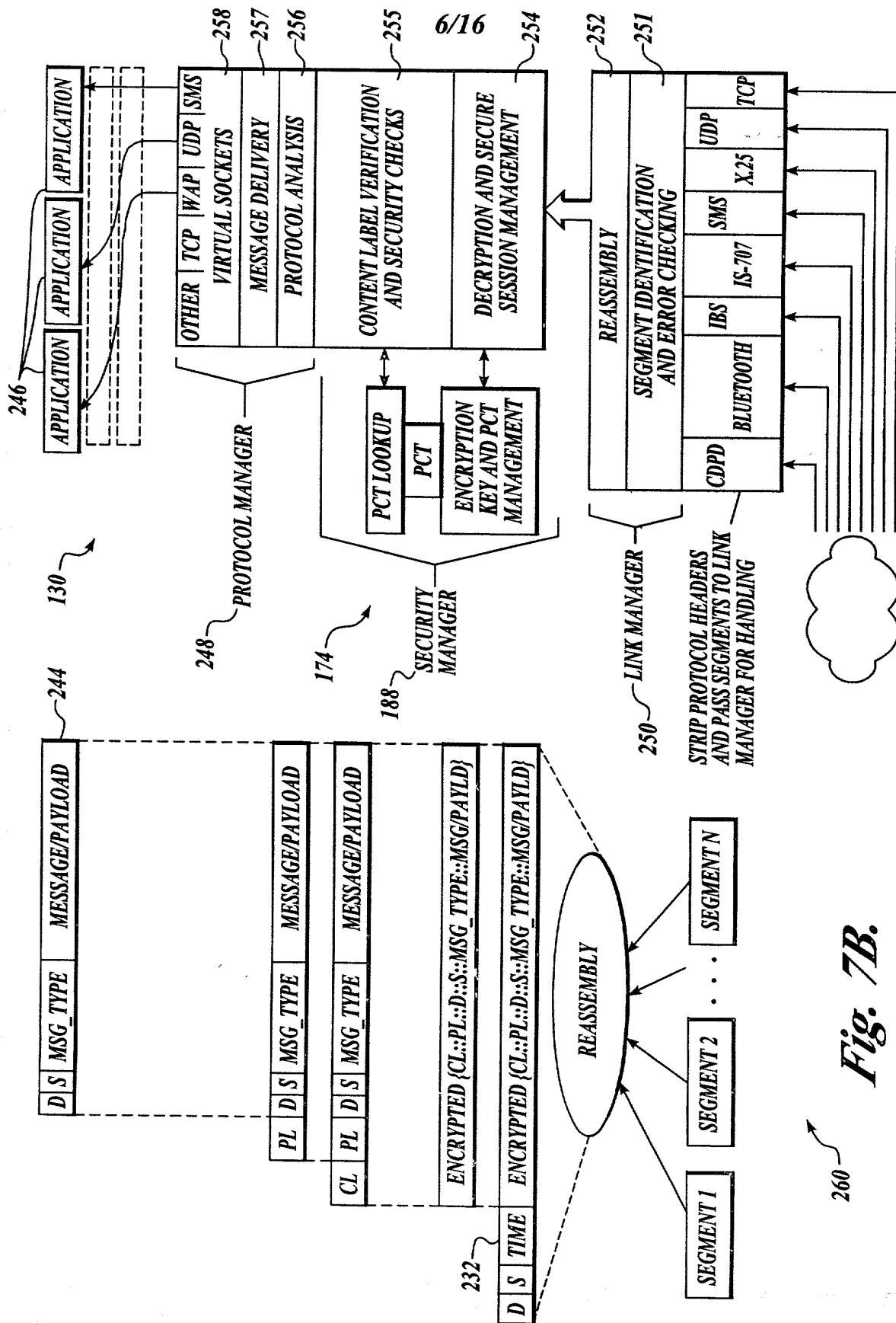


Fig. 6.



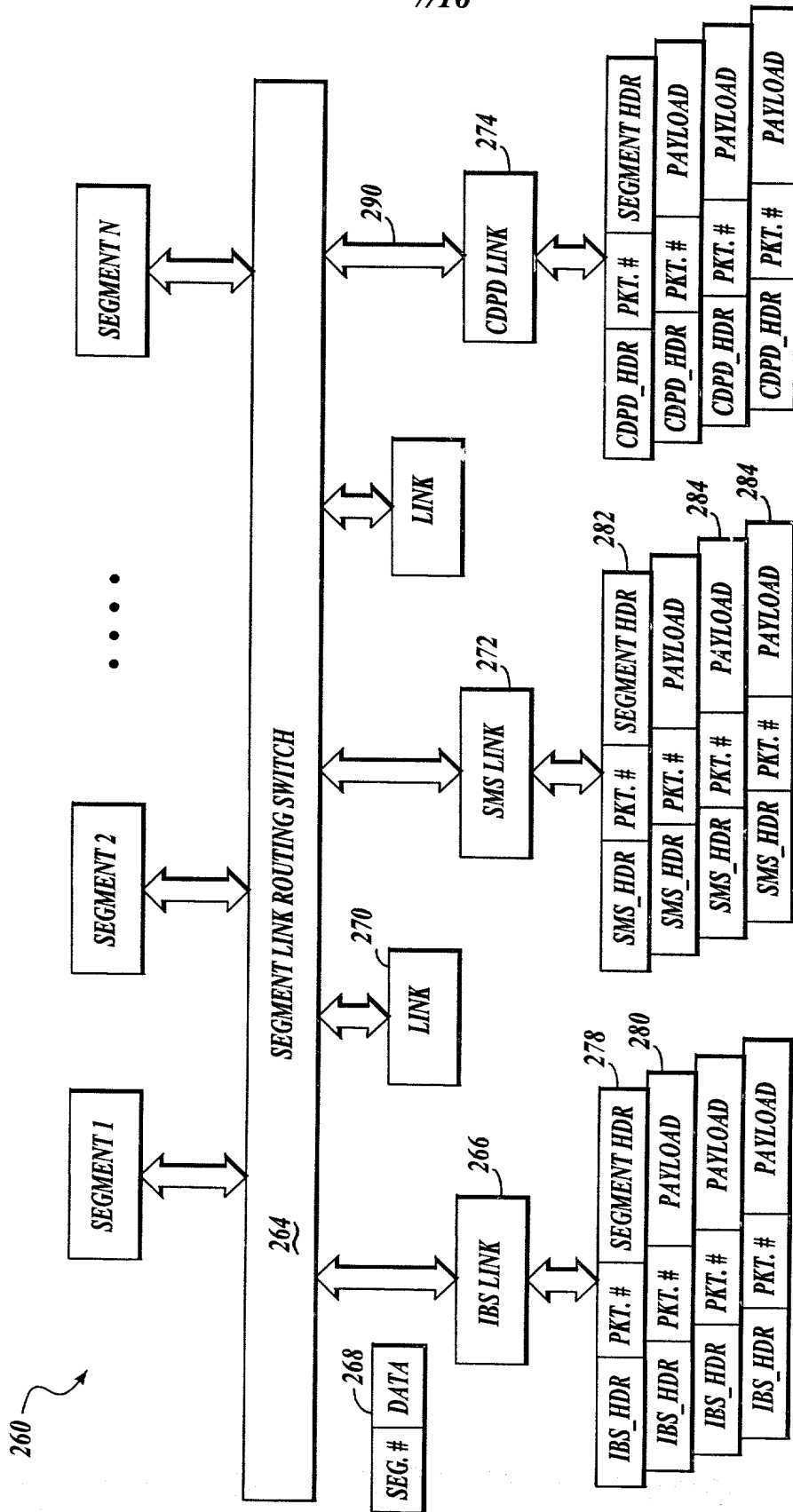


Fig. 7C.

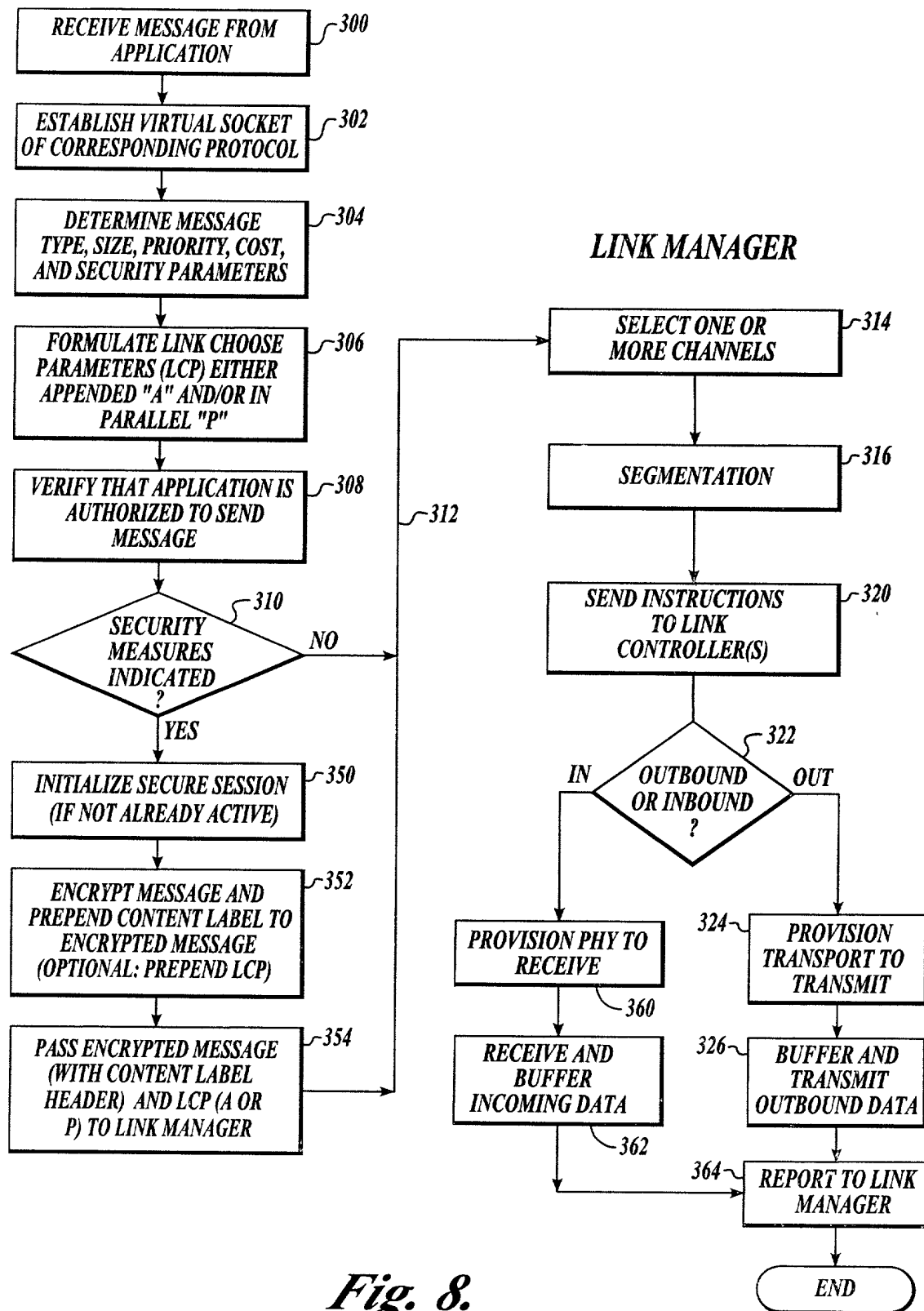


Fig. 8.

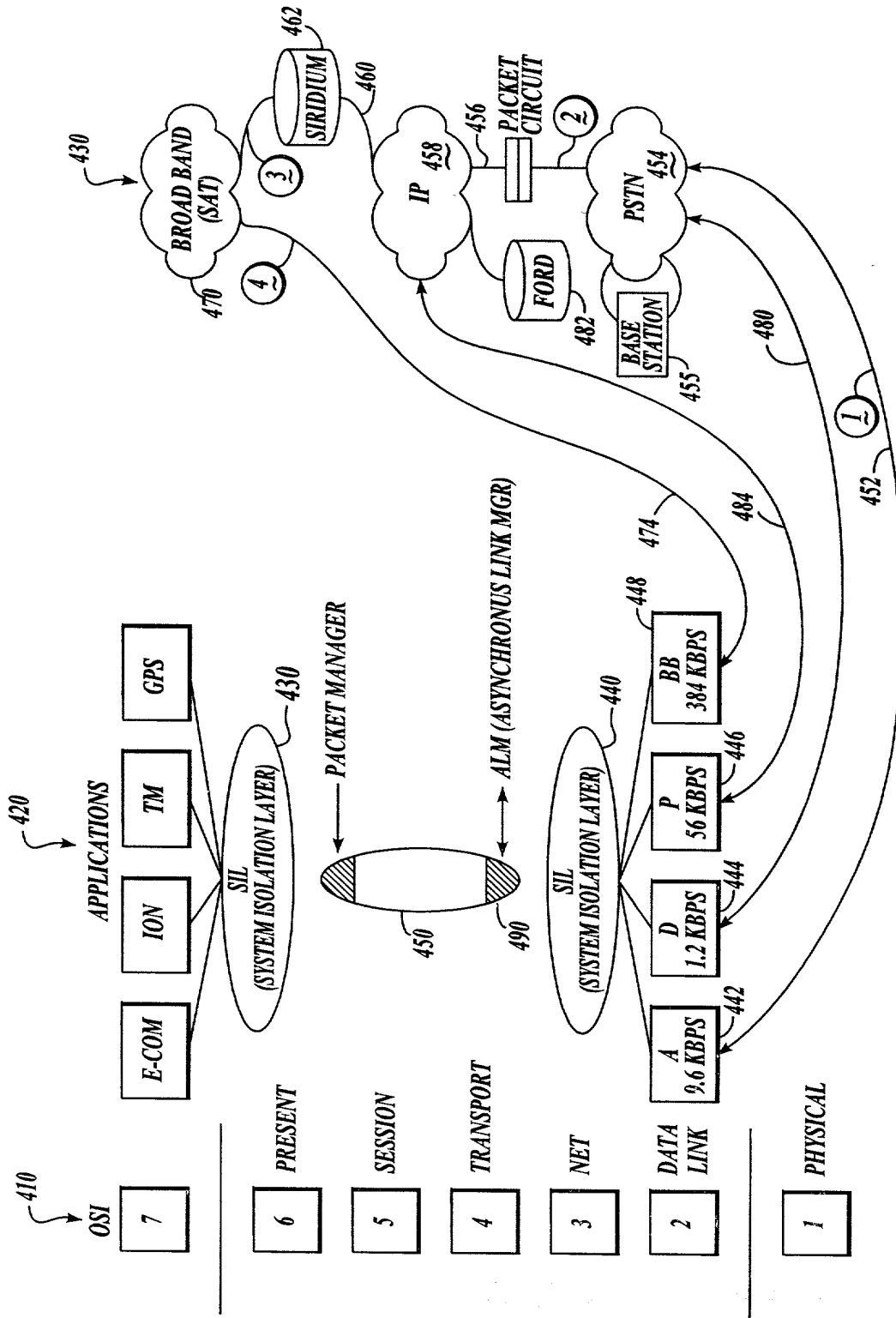


Fig. 9.

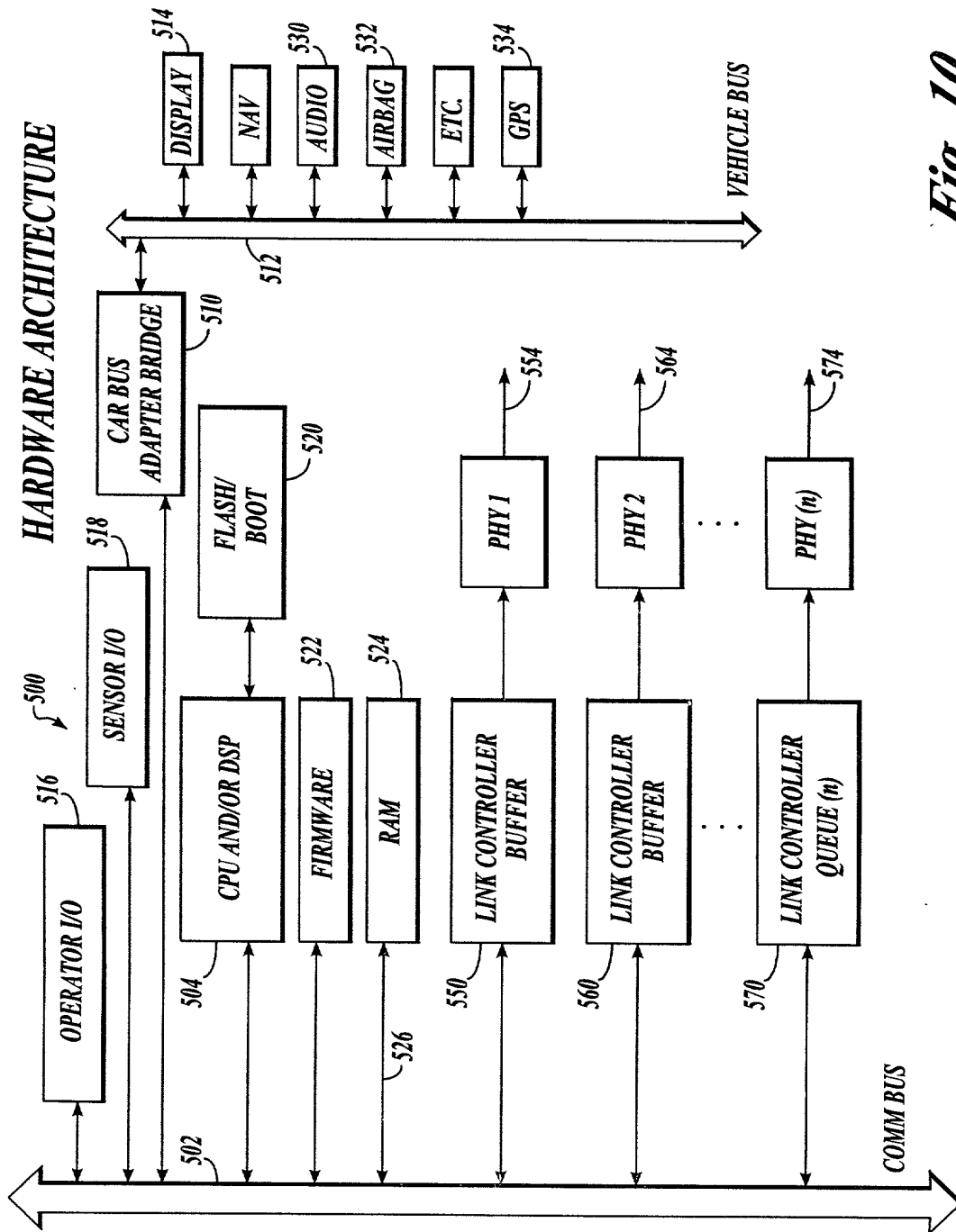
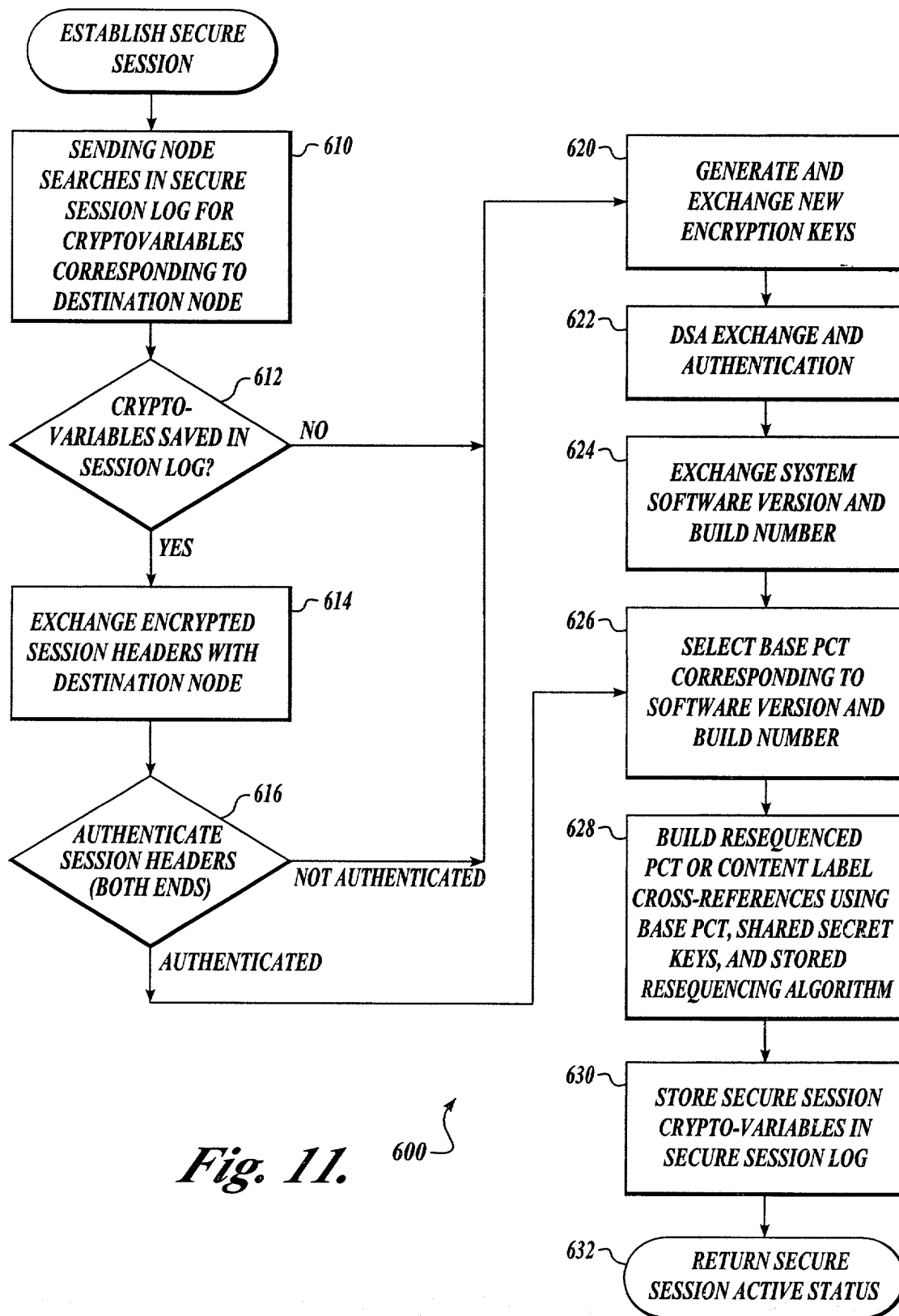


Fig. 10.



CALL CENTER NODE PROCESS FLOW

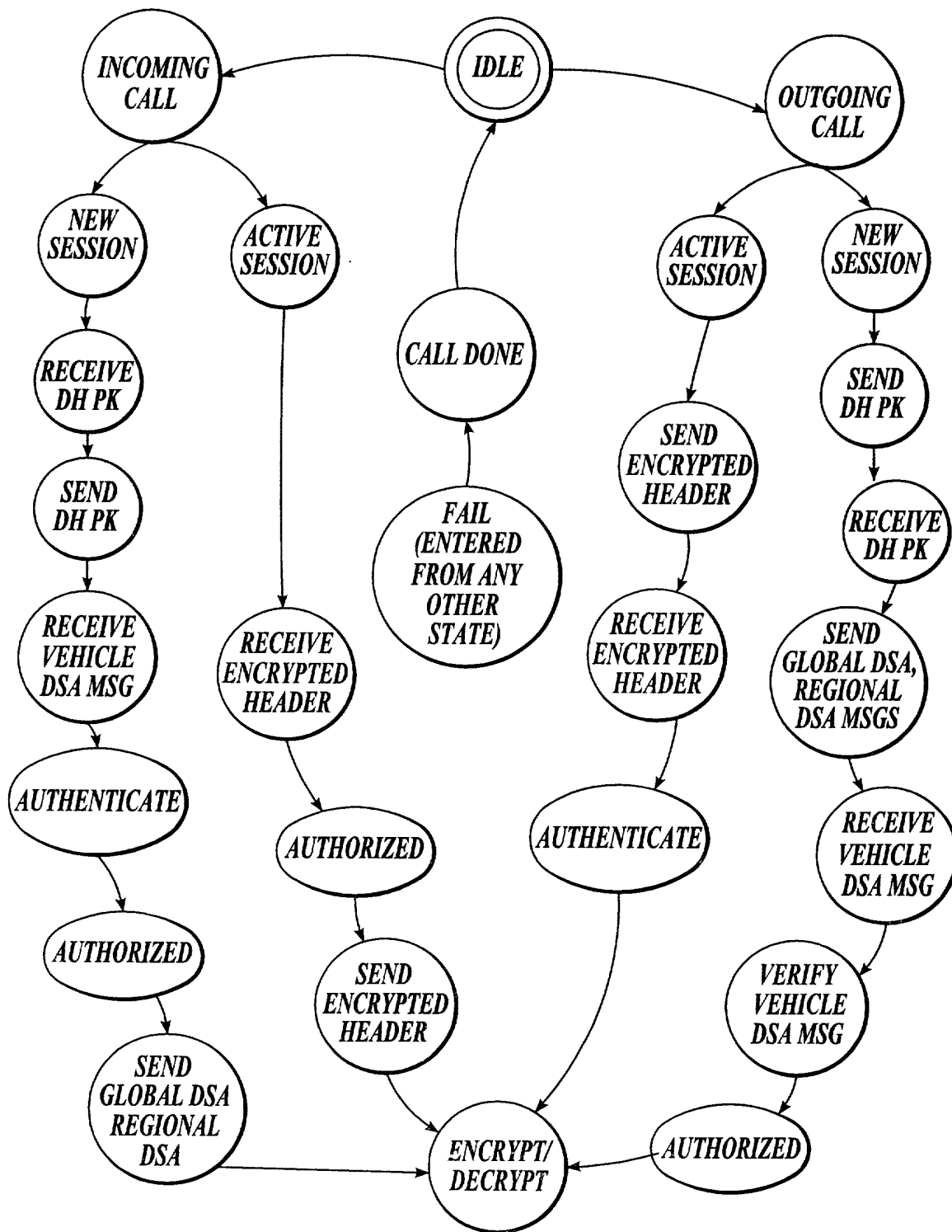


Fig. 12.

VEHICLE NODE PROCESS FLOW

13/16

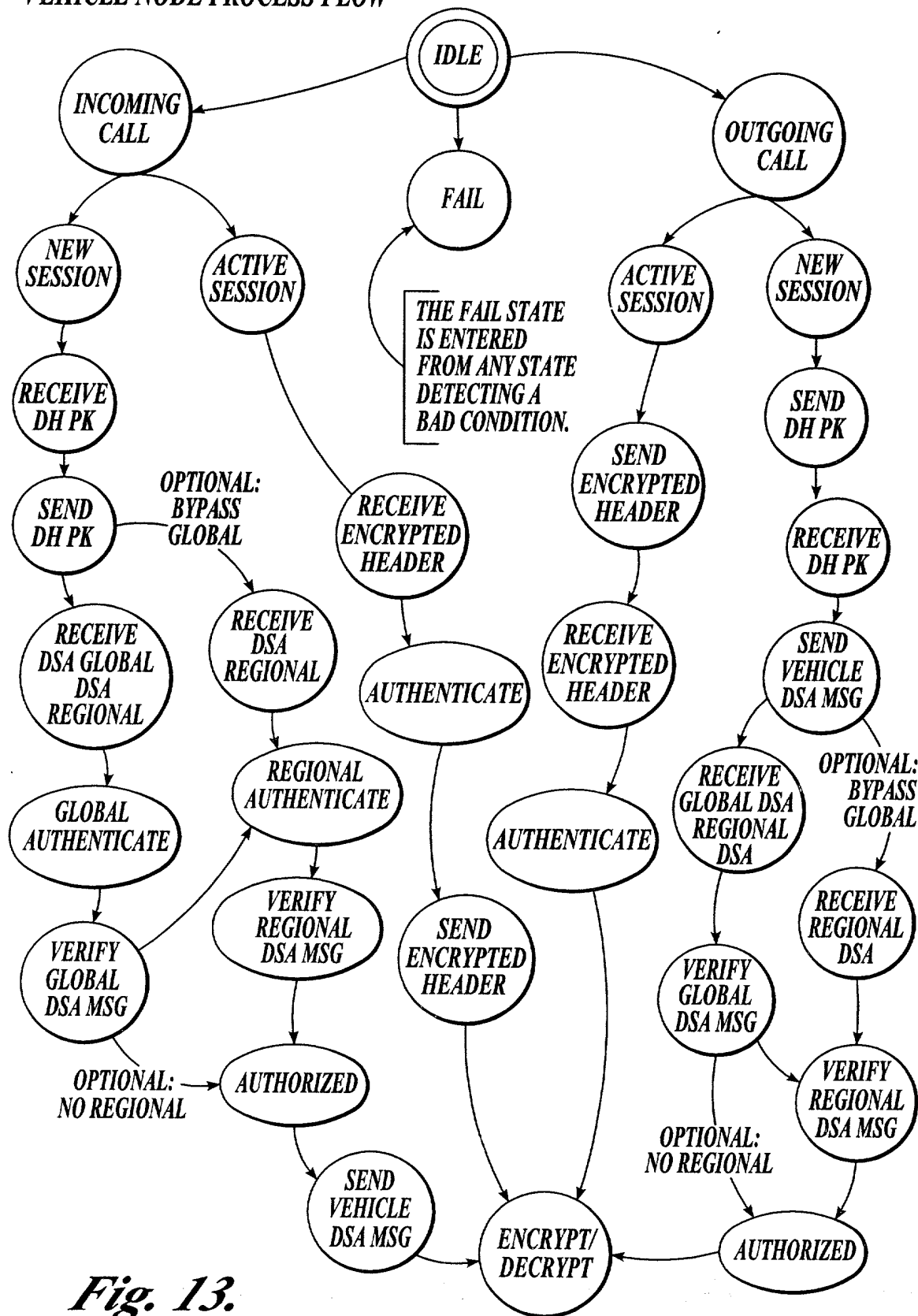


Fig. 13.

MOBILE NODE: INCOMING MESSAGE PRIVILEGE CONTROL TABLE (PCT)

CONTENT LABEL (CL)	SOURCE ADDRESS	SOURCE APPLICATION	DESTINATION APPLICATION	MESSAGE_TYPE	MESSAGE SIZE (KB)	SECURITY LEVEL (MIN)
0			(RESERVED)			
1	TELEPHONE CARRIER	TELEPHONE	TELEPHONE	INCOMING CALL	>10	LOW
2	POLICE	STRANDED ASSIST	SECURITY	UNLOCK	<10	HIGH
3	PSAP	911 RESPONSE	LOCATION	LOCATION QUERY	<10	MEDIUM
4	ISP	MESSAGING	EMAIL	EMAIL	10-5000	LOW
5	ISP	LOCAL NEWS	OPERATOR I/O	WEATHER REPORT	50-200	MEDIUM
6	ISP, VEHICLES	TRAFFIC NEWS	OPERATOR I/O	CONGESTION ALERT	50-300	LOW
7	HOME	MAPPING	LOCATION	LOCATION QUERY	<10	MEDIUM
8	AUTO DEALER CENTER	MAINTENANCE	CONVENIENCE	SOFTWARE PATCH	20-400	MEDIUM
9	AUTO DEALER CENTER	MAINTENANCE	COMFORT	QUERY DIAGNOSTICS	20-50	MEDIUM
10	AUTO DEALER CENTER	MAINTENANCE	LOCATION	SOFTWARE PATCH	20-100	MEDIUM
11	AUTOMAKER ENGR'G.	ENGINE	ENGINE SETTINGS	ADJUST INTAKE	150-200	HIGH
12	AUTOMAKER ENGR'G.	SAFETY	ABS SETTINGS	ADJUST BRAKING	150-200	HIGH
13	AUTO MAINTENANCE	SERVICE NOTIFY	OPERATOR I/O	SERVICE DUE	20-40	MEDIUM
14	AUTO CLUB	SECURITY	SECURITY	UNLOCK	<10	HIGH
15	AUTO CLUB	ROADSIDE ASSIST	LOCATION	LOCATION QUERY	<10	MEDIUM
16	(ANY)	AUDIO DELIVERY	STEREO	DIGITAL AUDIO DATA	500-10000	LOW
17	STATE TROOPER	ROAD CLOSURES	NAVIGATION	ROAD CLOSURE NOTICE	10-50	LOW
18						
...						

Fig. 14A.

VEHICLE NODE: OUTGOING MESSAGE PRIVILEGE CONTROL TABLE (PCT)

CONTENT LABEL (CL)	SOURCE APPLICATION	DESTINATION ADDRESS	DESTINATION APPLICATION	MESSAGE_TYPE	MESSAGE SIZE (KB)	SECURITY LEVEL (MIN)
0			(RESERVED)			
...						
3	EMERGENCY	PSAP - 911 CALL CENTER	911 RESPONSE	EMERGENCY DISTRESS	ANY	OFF
4	TEXT MESSAGING	ISP MAIL SERVER	MESSAGING	EMAIL	<5000	LOW
6	TRAFFIC MONITOR	(LOCAL VEHICLES, TRAFFIC POLICE, MEDIA)	OPERATOR I/O, TRAFFIC NEWS	TRAFFIC FLOW DATA	<20	MEDIUM
...						
15	ROADSIDE ASSIST	AUTO CLUB	CALL CENTER	NEED ROADSIDE HELP	30-100	MEDIUM
...						

Fig. 14B.

AUTO CLUB CALL CENTER NODE: OUTGOING MESSAGE PRIVILEGE CONTROL TABLE (PCT)

CONTENT LABEL (CL)	SOURCE APPLICATION	DESTINATION ADDRESS	DESTINATION APPLICATION	MESSAGE_TYPE	MESSAGE SIZE (KB)	SECURITY LEVEL (MIN)
0			(RESERVED)			
14	SECURITY	VEHICLE	SECURITY	UNLOCK	<10	HIGH
15	ROADSIDE ASSIST	VEHICLE	LOCATION	LOCATION QUERY	<10	MEDIUM
...						

FIG. 14C.

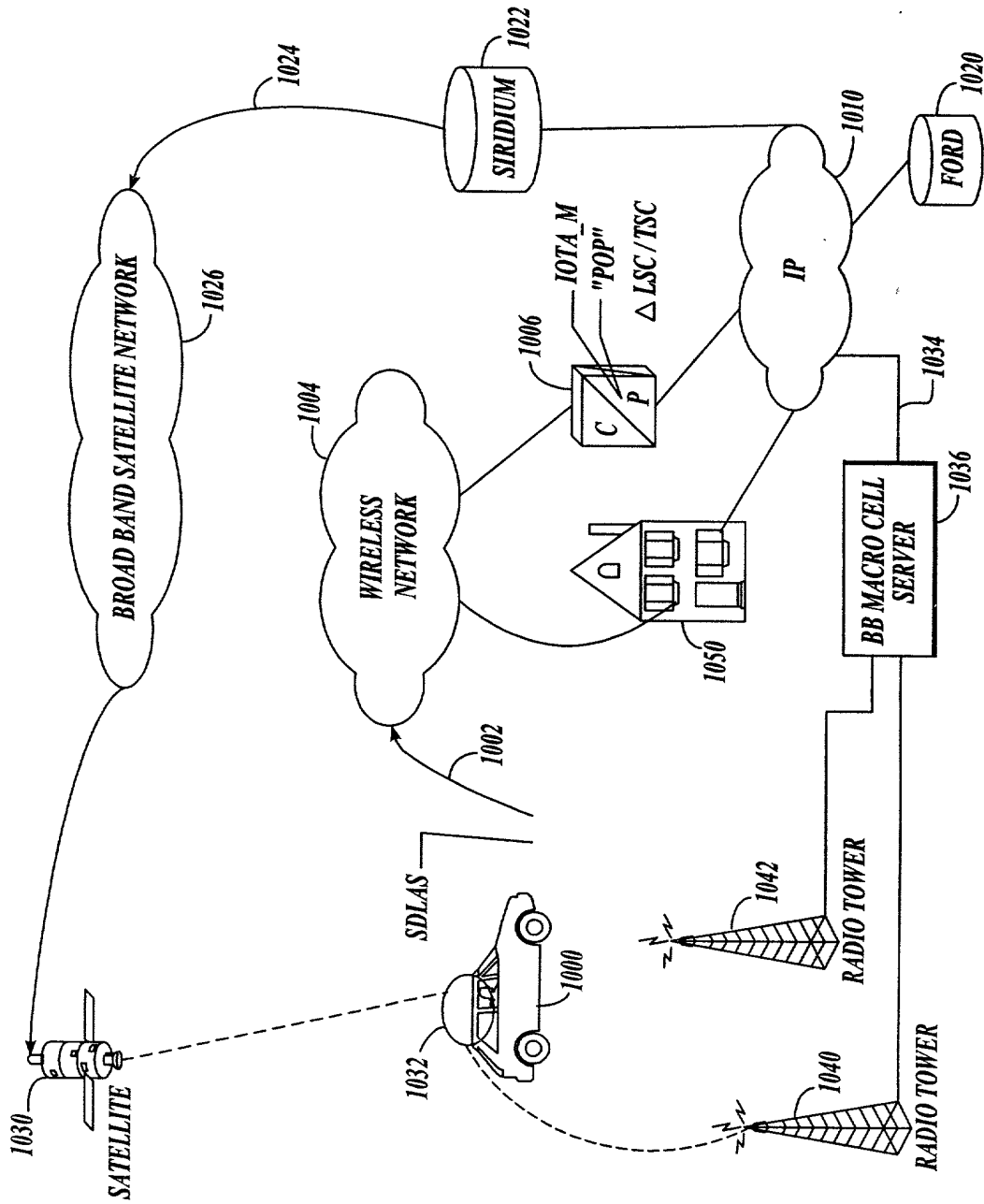


Fig. 15.